

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: ) NEURAL NETWORK FOR  
Darin P. Haudrich, et al. ) AEROELASTIC ANALYSIS  
Application Serial No. 10/825,032 )  
Filed: April 14, 2004 ) Examiner: Peter D. Coughlan  
) Group Art Unit: 2129

Commissioner for Patents  
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**EXPEDITED PROCESSING REQUESTED**  
*Response Under 37 C.F.R. § 1.116*  
*Examining Group No. 2129*

**RESPONSE TO FINAL OFFICE ACTION**

This response is filed in reply to the final Office Action mailed on October 5, 2006 (“Office Action”). Applicant respectfully requests that the above-identified application be amended as follows and that consideration of the following remarks be made.